[ Product Information ]

Name: trans-4-Hydroxycinnamic acid

Catalog No.: CFN98794

Cas No.: 501-98-4

Purity: > 98%

M.F: C₉H₈O₃

M.W: 164.2

Physical Description: Powder

Synonyms: (E)-3-(4-hydroxyphenyl)-2-propenoic acid; p-Hydroxycinnamic acid; p-Cumaric acid; p-Hydroxyphenylacrylic acid; Naringenic acid.

[ Intended Use ]

1. Reference standards;

2. Pharmacological research;

3. Synthetic precursor compounds;

4. Intermediates & fine chemicals;

5. Others.

[ Source ]

The herb of Trifolium pratense.
[ Biological Activity or Inhibitors]

Trans 4-hydroxycinnamic acid, isolated and identified from rice hull, has antimicrobial activity.[1]

Trans 4-hydroxycinnamic acid has anti-oxidant activity.[2]

[ Solvent ]
Chloroform, Dichloromethane, Ethyl Acetate, DMSO, Acetone, etc.

[ HPLC Method ][3]
Mobile phase: Methanol-Acetic acid- H2O, gradient elution;
Flow rate: 1.0 ml/min;
Column temperature: 25 ℃;
The wave length of determination: 254 nm.

[ Storage ]
2-8 ℃, Protected from air and light, refrigerate or freeze.

[ References ]

[ Contact ]
Address: S5-3 Building, No. 111, Dongfeng Rd., Wuhan Economic and Technological Development Zone, Wuhan, Hubei 430056, China

Email: info@chemfaces.com
Tel: +86-27-84237783
Fax: +86-27-84254680
Web: www.chemfaces.com
Tech Support: service@chemfaces.com